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MATERIEL READINESS SUPPORT SYSTEM (MARS) INTERFACE PROMPTING GUIDE

DEPARTMENT OF DEFENSE

DEFENSE LOGISTICS AGENCY

Cameron Station,
Alexandria, Virginia 22304-6100

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MATERIEL READINESS SUPPORT SYSTEM (MARS)
INTERFACE PROMPTING GUIDE

DECEMBER 1988

Mrs. Mary Kay Cyrus
Operations Research and Economic Analysis Office
Headquarters, Defense Logistics Agency
Cameron Station, Alexandria, Virginia

CONTENTS

I. INTRODUCTION

The Defense Logistics Agency Materiel Readiness Support (MARS) System provides a method for you to obtain statistics about DLA's supply performance. The full capabilities of MARS allow for analysis of historical support to a weapon system(s) and/or organizational unit(s), predictions of future support to weapon systems, nonweapon systems, and/or a Service, and analysis of item data.

The prompting program described here is concerned with historical or future support and attempts to bridge the gap between the end user and the computer by providing a semiautomated means to generate the necessary computer commands (JCL for Job Control Language) to execute the required parts and functions within MARS.

In order to use the prompting program, you will need to have access to the Operations Research and Economic Analysis Office (DLA-LO) computer at the Defense General Supply Center (DGSC).

The prompting system will do most of the work for you. You will need to respond to questions which the prompting program will ask. You will need to know what are proper responses and the kind of statistics you are attempting to obtain. For further information on statistics or input values, please refer to the MARS System Manual.

II.   ACCESSING THE DLA-LO COMPUTER AND STARTING THE DLA MARS PROMPTING
PROGRAM. Using the IBM 3278 terminals, follow the standard procedures for
signing on to the DLA-LO computer:

Step:

1.   Turn up terminal brightness knob.

2.   Type the following:

LOGON USERID and press ENTER.   Any system authorized
USERID can access the MARS system.

If USERID is incorrect, you will receive the message:

USERID XXXXXXX NOT AUTHORIZED TO USE TSO
REENTER -

Type your 7-character USERID and press ENTER.

You will next be prompted for your USERID password. Key in your PASSWORD
and press ENTER.

Once your USERID and PASSWORD are accepted, your LOGON will proceed.

3.   Several other messages will appear followed by the message:

***PRESS ENTER TO CONTINUE

4.   You should have the SPF/MVS Primary Option Menu on your
screen. Enter: '6' on the option line and press ENTER. This will invoke
the Time-Sharing Option on the DLA-LO computer.

5.   On the command line, enter the command:

MARS

You will now receive the introduction to the MARS system and begin entering
the data for your analysis.

III. MARS INTRODUCTION PROMPTS

A. <u>General</u>. Once you have accessed the DLA-LO computer and executed MARS, you will receive the following prompts and messages:

WELCOME TO:

MARS

YOU ARE USING THE DEFENSE LOGISTICS AGENCY MATERIEL
READINESS SUPPORT SYSTEM (ALSO KNOWN AS 'MARS').
THE MARS SYSTEM PROVIDES A METHOD FOR YOU TO
OBTAIN STATISTICS ABOUT DLA'S SUPPLY PERFORMANCE.

B. <u>Options</u>

Your responses to the following prompts will be retained in a database and used to construct the JCL necessary to execute the MARS system.

The first prompt will concern your selection of historical or predicted support analysis.

DO YOU WISH TO COMPUTE STATISTICS
FOR HISTORICAL PERFORMANCE (ENTER: HISPER)
OR PREDICTED SUPPORT (ENTER: PERMES):

XXXXXX

If your choice is **HISPER**, you will need to go to Section IV to continue with HISPER prompts.

If your choice is **PERMES**, go to Section V.

IV. **HISTORICAL PERFORMANCE PROMPTS**

A. **General**

```
********************************************************
*                                                      *
*      THE MARS HISTORICAL PERFORMANCE MODEL           *
*                                                      *
********************************************************
```

YOUR INPUT FOR THIS SESSION WILL BE STORED IN THE
JCL DATA SET CALLED 'USER#.USERID.M.HISPER'.

YOU ARE NOW IN THE PROMPTING GUIDE FOR THE
HISTORICAL PERFORMANCE MODEL OF THE MARS SYSTEM.

THE HISTORICAL PERFORMANCE MODEL GIVES YOU THE
OPPORTUNITY TO ANALYZE HISTORICAL SUPPLY
PERFORMANCE STATISTICS FOR WEAPON SYSTEM RELATED
ITEMS.

YOUR RESPONSES TO THE FOLLOWING QUESTIONS WILL
BE USED TO RUN THE HISPER PROGRAM.

ENTER YOUR USERID.(i.e., GORXXXX/FLOXXXX/AAAXXXX)

B. **Prompting Levels**

DO YOU REQUIRE DETAILED PROMPTING GUIDES?
(IF THIS IS YOUR FIRST TIME USING THE MARS SYSTEM,
DETAILED PROMPTS ARE RECOMMENDED.) ENTER Y OR N.

Both the detailed prompts and the abbreviated prompts for the HISPER Interface
will be presented.

C. **Database Specification**. The next prompts you receive are concerned
with the period of historical requisition data to be analyzed and the commodity
of interest. Your responses to these questions will determine the requisition
data file to be used in the HISPER run.

1. **Time Frame Specification**. You will first receive the following
prompt:

DO YOU WISH TO ANALYZE:

1 - QUARTERLY DATA
2 - ANNUAL DATA

ENTER 1 OR 2.

a. Detailed Prompt. If you selected detailed prompts, the time
frame specification prompts will be in the following formats:

(1)   If you elect to use annual data, you will receive the
following prompt:

**YOU MUST SPECIFY THE FISCAL YEAR THAT REPRESENTS
THE PERIOD OF HISTORICAL DATA TO BE ANALYZED. DATA
IS AVAILABLE AS OF FISCAL YEAR 85. ENTER THE
FOLLOWING FORMAT: YY**

(2)   Otherwise, you will receive the following prompt for
quarterly data:

**YOU MUST SPECIFY THE FISCAL YEAR AND QUARTER THAT
REPRESENTS THE PERIOD OF HISTORICAL DATA TO BE
ANALYZED. QUARTERLY DATA IS AVAILABLE FOR THE
PREVIOUS 8 QUARTERS. ENTER IN THE FOLLOWING
FORMAT: YYQ**

b.   Abbreviated Prompt. If you selected abbreviated prompts,
the prompts for time frame specification will be in the following formats:

(1)   If you selected annual data, you will receive the
following prompt:

ENTER THE FISCAL YEAR FOR YOUR ANALYSIS.   (YY)

(2)   Otherwise, you will receive the following prompt for
quarterly data:

ENTER THE FISCAL YEAR AND QUARTER FOR YOUR ANALYSIS.   (YYQ)

2.   _Commodity Specification_. You will next be prompted for your
commodity selection.

Detailed Prompt:

**YOU MAY ELECT TO ANALYZE REQUISITION HISTORY
DATA FOR ONE CENTER OR A COMBINATION OF THE
FOUR HARDWARE CENTERS. SELECT ONE:**

**C - CONSTRUCTION (DCSC)
E - ELECTRONICS   (DESC)
G - GENERAL   (DGSC)
I - INDUSTRIAL   (DISC)
M - MEDICAL   (DMSC)
T - TEXTILE   (DTSC)
A - FOUR HARDWARE CENTER (DCSC,DGSC,DESC,DISC)**

Abbreviated Prompt:

**WHICH CENTER DO YOU WISH TO ANALYZE?
ENTER (C,E,I,G,T, OR A)**

D.   <u>Option Selection</u>. The following prompt gives you the opportunity to
select a grouping option for HISPER output statistics.

1.   <u>Detailed Prompt</u>. The following options are available for
historical supply performance statistics:

1 - OVERALL DLA SUMMARY STATISTICS FOR ALL WEAPON SYSTEM
    RELATED ITEMS.

2 - STATISTICS BY SELECTED WEAPON SYSTEM(s). STATISTICS
    ARE PROVIDED FOR ALL ITEMS RELATED TO A SPECIFIED WEAPON
    SYSTEM.

3 - STATISTICS BY SELECTED DODAAC(S). STATISTICS ARE
    PROVIDED FOR ALL WEAPON SYSTEMS ITEMS RELATED TO A
    SPECIFIED DODAAC.

4 - STATISTICS FOR SELECTED WEAPON SYSTEM(s) WITHIN SELECTED
    DODAAC(s). STATISTICS ARE PROVIDED FOR ALL ITEMS
    RELATED TO A SPECIFIC WEAPON SYSTEM(s) WITHIN SPECIFIED
    DODAAC(s).

5 - ALL SELECTED SERVICE WEAPON SYSTEMS. STATISTICS ARE
    PROVIDED FOR ALL ITEMS RELATED TO THE WEAPON SYSTEMS
    FOR A SELECTED SERVICE.

6 - BY SELECTED REQUISITIONING SERVICE. STATISTICS ARE
    PROVIDED FOR ALL THE WEAPON SYSTEM ITEM REQUISITIONS
    OF A SELECTED SERVICE.

CHOOSE A GROUP OPTION (1, 2, 3, 4, 5, OR 6).

2.   <u>Abbreviated Prompt</u>. Choose a group option for HISPER performance
statistics:

1 - OVERALL STATISTICS

2 - BY SELECTED WEAPON SYSTEM(S)

3 - BY SELECTED DODAAC(S)

4 - BY SELECTED WEAPON SYSTEM(S) WITHIN SELECTED DODAACS

5 - ALL SELECTED SERVICE WEAPON SYSTEMS

6 - BY SELECTED REQUISITIONING SERVICE

CHOOSE A GROUP OPTION (1, 2, 3, 4, 5, OR 6).

E.   Trouble Item Report Selection. HISPER has the capability of producing a trouble item report. This report provides a listing of all NSNs which have experienced a supply availability percentage below a specified goal.

Detailed Prompt:

IN ADDITION TO THE HISTORICAL SUPPLY
AVAILABILITY STATISTICS FOR YOUR SELECTED
OPTION, DO YOU WISH TO RECEIVE A TROUBLE
ITEM REPORT WHICH WILL HIGHLIGHT THOSE NSNS
WITH A SUPPLY AVAILABILITY PERCENTAGE
BELOW A SPECIFIED LEVEL? ENTER Y OR N.

Abbreviated Prompt:

DO YOU WISH TO PROCESS A TROUBLE ITEM
REPORT (Y/N)?

If you elect to receive a Trouble Item Report, you will receive the following prompt:

Detailed Prompt:

ENTER THE DESIRED SUPPLY AVAILABILITY GOAL
FOR THE TROUBLE ITEM REPORT. ENTER AS AN INTEGER
(NNN). EXAMPLE: ENTER DESIRED 85% AS 085.

Abbreviated Prompt:

ENTER SUPPLY AVAILABILITY GOAL FOR THE TROUBLE
ITEM REPORT. ENTER AS AN INTEGER (NNN).

Your selection of a grouping option for HISPER statistics will determine the subsequent prompts to be issued.

If you select Grouping Option 1, no further prompts will be issued.

F.   Weapon Systems(s) Selection. You will receive the following prompt if you requested Grouping Option 2 (Selected Weapon Systems) or Grouping Option 4 (Selected Weapon Systems within Selected DODAACs).

Detailed Prompt:

HOW MANY WEAPON SYSTEM DO YOU WISH TO ANALYZE?
THE NUMBER OF WEAPON SYSTEMS THAT CAN BE
ANALYZED DURING ONE HISPER RUN IS 50.
(ENTER 01, 02, 03, ETC.)

Abbreviated Prompt:

HOW MANY WEAPON SYSTEMS DO YOU WISH TO ANALYZE?
LIMIT - 50 (ENTER 01, 02, 03, ETC.)

After you have specified the number of weapon systems to be analyzed, you will be prompted to enter the selected Weapon System Designator Codes. A prompt will be issued ᵢ̣ₒᵣ each Weapon System Code to be entered.

Detailed Prompt:

The following message will be issued before you are prompted for your selected Weapon System Designator Codes.

WEAPON SYSTEM CODES ARE TO BE ENTERED IN THE
FOLLOWING FORMAT: XXA
WEAPON SYSTEM DESIGNATOR CODE
I.E., 19F, ABM, G7M
MAKE SURE THAT THE CODES YOU ARE ABOUT TO
ENTER ARE VALID WEAPON SYSTEM CODES. THIS
PROGRAM DOES NOT VALIDATE YOUR WEAPON SYSTEM
SELECTIONS.

ENTER THE WEAPON SYSTEM CODE FOR WEAPON SYSTEM # ____ .

Abbreviated Prompt:

ENTER THE WEAPON SYSTEM CODE FOR WEAPON SYSTEM # ____ .

In an effort to avoid item commonality when analyzing specific weapon systems, you are given the opportunity to analyze only those requisitions received from the specific weapon system service user. You will receive the following prompt:

DO YOU WISH TO RESTRICT THE REQUISITIONS ANALYZED
TO THOSE RECEIVED FROM THE SPECIFIC WEAPON SYSTEM
SERVICE USER? ENTER Y OR N.

G. DODAAC(s) Selection. You will receive the following prompt if you requested Grouping Option 3 (Selected DoDAACs) or Grouping Option 4 (Selected Weapon Systems Within Selected DoDAAC).

Detailed Prompt:

HOW MANY DODAAC(S) DO YOU WISH TO ANALYZE? THE
MAXIMUM NUMBER OF DODAAC(S) THAT CAN BE ANALYZED
DURING ONE HISPER RUN IS 50.
(ENTER 01, 02, 03, ETC.)

Abbreviated Prompt:

HOW MANY DODAACS DO YOU WISH TO ANALYZE?
LIMIT - 50 (ENTER 01, 02, 03, ETC.)

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After you have specified the number of DoDAAC(s) to be analyzed, you will be prompted to enter the selected DoDAAC code. A prompt will be issued for each DoDAAC code to be entered.

Detailed Prompt:

If you are in the detailed prompting mode, the following message will be issued before you are prompted for DoDAAC codes.

> DODAAC CODES ARE TO BE ENTERED IN THE FOLLOWING FORMAT:
> AAXXXX (I.E., FB4477). MAKE SURE THAT THE DODAAC CODES
> YOU ARE ABOUT TO ENTER ARE VALID. THIS PROGRAM DOES
> NOT VALIDATE YOUR DODAAC SELECTIONS.
>
> ENTER THE DODAAC CODE FOR DODAAC # _____.

Abbreviated Prompt:

> ENTER THE DODAAC CODE FOR DODAAC # _____.

H. Service Weapon System Selection. You will receive the following prompt if you requested Grouping Option 5 (Selected Service Weapon Systems).

Detailed Prompt:

> SELECT THE SPECIFIC SERVICE WHOSE WEAPON SYSTEMS YOU
> WISH TO ANALYZE. ENTER THE APPROPRIATE LETTER.
>
> A - ARMY
> F - AIR FORCE
> M - MARINES
> N - NAVY

Abbreviated Prompt:

> SELECT THE SPECIFIC SERVICE WHOSE WEAPON SYSTEMS YOU
> WISH TO ANALYZE. (A, F, M, N)

I. Requisitioning Service Selection. You will receive the following prompt if you requested Grouping Option 6 (Selected Requisitioning Service).

> SELECT THE REQUISITIONING SERVICE YOU WISH TO ANALYZE.
> ENTER THE APPROPRIATE NUMERIC.
>
> 1 - NAVY
> 2 - AIR FORCE
> 3 - MARINES
> 4 - NAVY

J. <u>Comments</u>. You will be given the opportunity to input a comment line. This comment will appear as the third title line on the HISPER report.

<u>Detailed Prompt</u>:

> YOU HAVE THE OPTION TO ENTER A COMMENT WHICH WILL BE
> DISPLAYED AS THE THIRD TITLE LINE IN THE HISPER REPORT
> COMMENT IS LIMITED TO 53 CHARACTERS, INCLUDING BLANKS.
> ENTER YOUR COMMENT BELOW.

<u>Abbreviated Prompt</u>:

> YOU MAY ENTER A THIRD TITLE LINE COMMENT.
> CHARACTER LIMIT - 53.

K. <u>Job Processing</u>. After you have answered all prompts, the following message will be issued.

> THIS ENDS THE PROMPTING GUIDE FOR THE HISTORICAL
> PERFORMANCE PROGRAM OF THE MARS SYSTEM.
>
> DO YOU WISH TO SUBMIT THIS PROGRAM RUN?   ENTER Y OR N.

If your response is Y, you will receive these additional messages.

> YOUR PROGRAM RUN WILL BE SUBMITTED TO THE DLANET
> COMPUTER.   YOU WILL RECEIVE A JOB NAME AND JOB
> NUMBER IN THE FOLLOWING FORMAT:
>
> JOB USERIDH (JOB 0###).
>
> YOUR JOB WILL BE SUBMITTED IN A BATCH MODE AND WILL
> BE COMPLETED WITHIN 24 HOURS.

> 'JOB USERIDH (JOB0XXXX) SUBMITTED'

> THIS ENDS THE DEFENSE LOGISTICS AGENCY MATERIEL
> READINESS SUPPORT SYSTEM.   WE HOPE THIS SYSTEM WAS
> MOST HELPFUL IN THE COMPLETION OF YOUR ANALYSIS.
> IF YOU HAVE ANY QUESTIONS CONCERNING THIS SYSTEM,
> CONTACT THE OPERATIONS RESEARCH OFFICE AT
> (804) 275-5318/AUTOVON 695-5318.

If your response is N, you will receive only the portion of the above message telling you that the prompting session has ended.

V.   PROJECTED PERFORMANCE PROMPTS

   A.   General

```
*******************************************************
*                                                     *
*    THE MARS PROJECTION PERFORMANCE MODEL    *
*                                                     *
*******************************************************
```

          YOUR INPUT FOR THIS SESSION WILL BE STORED
          IN THE JCL DATA SET CALLED 'USER#.USERID.M.PERMES'.

          WELCOME! THIS IS THE MARS PERFORMANCE PROJECTION
          MODEL. YOU WILL BE ABLE TO SELECT FROM SEVERAL
          OPTIONS FOR EXECUTING THIS MODEL. FOLLOW THE
          INSTRUCTIONS FOR THE REQUIRED INPUT.

          ENTER YOUR USERID. (I.E., GORXXX/FLOXXX/AAAXXXX)

The prompts necessary to run the PERMES model are asked for in turn. Some of
the prompts described in the following sections are dependent upon the answers
you have previously supplied to other prompts. A particular answer to a prompt
may result in only one logical response for a subsequent prompt. In these
instances, the program will bypass issuing the prompt and the response will be
defaulted to the logical choice for the previously indicated option selection.

      1.   Prompting Levels

          IT IS SUGGESTED THAT FULL PROMPTS BE USED IF THIS IS
          YOUR FIRST TIME USING THIS MODEL. DO YOU WISH TO USE
          FULL DESCRIPTIVE PROMPTS? ENTER Y OR N.

Both methods of prompting will be displayed within this manual.

      2.   Database Specification. The next prompts you receive are
concerned with the period of data to be used in the analysis and the commodity
of interest. Your responses to these questions will determine the data file to
be used in the PERMES run.

          a.   Time Frame Specification

          Detailed Prompt:

If you selected detailed prompts, the time frame specification prompts will be
in the following formats:

          YOU MUST SPECIFY THE FISCAL YEAR AND THE
          QUARTER YOU WISH TO USE AS THE BASE PERIOD
          FOR YOUR SUPPLY PERFORMANCE PROJECTION.
          QUARTERLY DATA IS AVAILABLE FOR THE PREVIOUS
          8 QUARTERS. ENTER IN THE FOLLOWING FORMAT: YYQ.

If you selected abbreviated prompts, the prompts for time frame specification will be in the following formats:

ENTER THE FISCAL YEAR AND QUARTER FOR YOUR
ANALYSIS.   (PREVIOUS 8 QUARTERS AVAILABLE)

b.   Commodity Specification. You will next be prompted for your commodity selection.

Detailed Prompt:

SPECIFY THE CENTER YOU INTEND TO USE IN
THIS ANALYSIS.   SELECT ONE:

        C - CONSTRUCTION (DCSC)
        E - ELECTRONICS   (DESC)
        G - GENERAL   (DGSC)
        I - INDUSTRIAL   (DISC)
        M - MEDICAL   (DMSC)
        T - TEXTILE   (C&T)

Abbreviated Prompt:

WHICH CENTER DO YOU WISH TO ANALYZE?
ENTER (C, E, I, G, M, OR T).

    B.   System Constraint Options. The following prompts will establish the overall system constraints for your projected supply performance analysis.

        1.   Analytical Projected Time Frame

        DO YOU WISH THIS ANALYSIS TO BE:

        1 - A STEADY STATE PROJECTION OF SUPPLY PERFORMANCE
        2 - A ONE YEAR FIXED HORIZON PROJECTION OF SUPPLY PERFORMANCE

        ENTER: 1 OR 2.

        2.   Item Grouping Options. The following prompt gives you the opportunity to select a grouping option for the PERMES analysis.

        Detailed Prompt:

        YOU MAY CHOOSE A GROUPING SCHEME FOR SELECTION OF WEAPON/
        NONWEAPON SYSTEM ITEMS. YOUR OPTIONS ARE:

            1 - ALL ITEMS: ALL ITEMS ARE IDENTIFIED TO
                ONE GROUP AND ONE SET OF REQUIREMENTS ARE
                APPLIED TO THE GROUP. THIS WILL CREATE
                ONE PARAMETER CARD #3.

2 - WEAPON SYSTEM (WS) & NON-WS ITEMS: ITEMS
    WILL BE SEPARATED INTO TWO GROUPS ACCORDING
    TO WS (GROUP 1) AND NON-WS (GROUP 2). A
    PARAMETER CARD #3 WILL BE CREATED FOR EACH
    GROUP.

3 - SELECTED WS(S): ALL ITEMS APPLICABLE TO A
    SELECTED WS WILL BE IN ONE GROUP. YOU WILL
    BE ASKED TO SPECIFY YOUR SELECTED WS CODE(S)
    LATER. THIS OPTION WILL CREATE A CARD #2 &
    CARD #3 FOR EACH WS.

4 - SERVICE RELATED WS(S): ALL WS ITEMS RELATED
    TO A SPECIFIED SERVICE WILL BE ANALYZED. ONE
    SERVICE MAY BE SELECTED. YOU WILL BE ASKED
    TO SPECIFY THE SERVICE LATER. ONE CARD #2
    AND ONE CARD #3 WILL BE CREATED.

5 - STATISTIC TOTALS FOR SELECTED WS(S): COMPUTES
    TOTAL STATISTICS FOR A GROUP OF SELECTED WS(S).
    A CARD #2 IS CREATED FOR EACH WS (NOT TO EXCEED
    100) AND ONE CARD #3 FOR THE WS GROUP.

ENTER THE GROUPING SCHEME CODE NUMBER YOU WISH TO USE IN THIS
ANALYSIS. ENTER ONE DIGIT (1, 2, 3, 4, OR 5).

Abbreviated Prompt:

ENTER THE GROUPING SCHEME CODE NUMBER YOU WISH TO
USE IN THIS ANALYSIS.

        1 - ALL ITEMS
        2 - WEAPON SYSTEM AND NONWEAPON SYSTEM ITEMS
        3 - SELECTED WEAPON SYSTEM
        4 - WEAPON SYSTEMS FOR SPECIFIED SERVICES
        5 - STATISTICS TOTALS FOR SELECTED WEAPON SYSTEMS

If you select item Grouping Options 2, 3, 4, or 5, you have the option of
limiting your analysis to weapon system items with a specific weapon system
indicator code. This option is available for data after second quarter FY86.
You will receive the following prompt:

        DO YOU WISH TO LIMIT YOUR ANALYSIS OF WEAPON
        SYSTEM ITEMS TO THOSE WITH A SPECIFIC WEAPON
        INDICATOR CODE? ENTER (Y/N).

If your answer is Y, you will receive this additional prompt.

        ENTER THE WEAPON SYSTEM INDICATOR CODE
        YOU WISH TO USE IN YOUR ANALYSIS OF
        WEAPON SYSTEM ITEMS. ENTER (X/Y/Z).

If you select item Grouping Options 3 or 5, you will receive this additional prompt.

> ENTER THE TOTAL NUMBER OF SELECTED WEAPON SYSTEMS
> YOU WISH TO ANALYZE. TOTAL NUMBER MUST BE LESS
> THAN OR EQUAL TO 100. (ENTER 01, 02, 03, ETC.)

3. Run Type

Detailed Prompt:

> YOU MAY ELECT TO MAKE A PRELIMINARY RUN OR A
> COMPLETE ANALYSIS.
>
> 1 - THE PRELIMINARY RUN PERFORMS ITEM SELECTION
>   AND SCREENING, SUMS DEMANDS AND SAFETY LEVEL
>   VALUES FOR EACH GROUP, AND COMPUTES A SYSTEM
>   CONSTANT FOR EACH GROUP. THE PRELIMINARY RUN
>   IS NEEDED IF THE USER WISHES TO USE SAFETY
>   LEVEL COMPUTATIONS REQUIRING SYSTEM CONSTANTS
>   OR DEMAND FREQUENCIES AS VARIABLES.
>
> 2 - THE COMPLETE ANALYSIS PROJECTS SUPPLY PERFORMANCE
>   FOR EACH ITEM AND PROVIDES A SUMMARY REPORT BY
>   GROUP. IF COMPLETE ANALYSIS IS USED, A PARAMETER
>   CARD #3 MUST BE SUBMITTED FOR EACH GROUP.
>
> ENTER THE RUN TYPE: 1 - PRELIMINARY RUN
>   2 - COMPLETE ANALYSIS

Abbreviated Prompt:

> ENTER THE RUN TYPE: 1 - PRELIMINARY RUN
>   2 - COMPLETE ANALYSIS

4. Trouble Item Output Listing. This option is only available if you have selected item Grouping Option 3 (Analysis of Selected Weapon Systems).

> DO YOU WISH TO RECEIVE A LISTING OF THOSE ITEMS
> RELATED TO YOUR SELECTED WEAPON SYSTEM(S) WHOSE
> SUPPLY AVAILABILITY PERCENTAGE IS LESS THAN A
> SPECIFIED GOAL? (YOU WILL BE ASKED TO SPECIFY
> A GOAL LATER.) ENTER Y OR N.

If your answer is Y, you will receive this additional prompt:

> PLEASE SPECIFY A MINIMUM GOAL FOR WEAPON SYSTEM
> ITEM SUPPLY AVAILABILITY. ENTER AS A REAL NUMBER
> COMPLETE WITH DECIMAL POINT. EXAMPLE: NNN.0.

5.   Supply Status Code Options

Detailed Prompt:

YOU MAY CHOOSE CERTAIN SUPPLY STATUS CODES (SSC) FOR
CONSIDERATION IN THIS RUN. FOR THE DISPLAYED SSC ENTER:

        Y - TO INCLUDE
        N - TO EXCLUDE

DIRECTLY BENEATH THE APPROPRIATE SSC.

EXAMPLE: SSC: 1 2 A
RESPONSE: N Y Y

CAUTION: DEFAULT MECHANISM - ALL SSC INCLUDED
123456789A

Abbreviated Prompt:

USING Y/N BENEATH THE APPROPRIATE SSC, SELECT
THOSE SSC ITEMS FOR CONSIDERATION IN THIS ANALYSIS.

DEFAULT: ALL SSC INCLUDED
123456789A

6.   Item Category Code Option

Detailed Prompt:

YOU MAY CHOOSE CERTAIN ITEM CATEGORY CODES FOR
THE DISPLAYED ICC ENTER:

        Y - TO INCLUDE
        N - TO EXCLUDE

DIRECTLY BENEATH THE APPROPRIATE ICC.

EXAMPLE: ICC: 1 2 B
RESPONSE: Y N Y

CAUTION: DEFAULT MECHANISM - ALL ICC INCLUDED.
12BP

Abbreviated Prompt:

USING Y/N BENEATH THE APPROPRIATE ICC, SELECT
THOSE ICC ITEMS FOR CONSIDERATION IN THIS
ANALYSIS.
DEFAULT: ALL ICC INCLUDED.
12BP

7. **New Item Consideration**

   DO YOU WISH TO CONSIDER NEW ITEMS? ENTER Y OR N.

8. **Nonweapon System Item Consideration**

   DO YOU WISH TO CONSIDER THOSE ITEMS WITH NO WEAPON
   SYSTEM TRAILERS? ENTER Y OR N.

9. **NSN Limit Option**

   DO YOU WISH TO LIMIT THE NUMBER OF ITEMS ANALYZED?
   ENTER Y OR N.

If you answer Y to this prompt, you will then be asked to specify the number of NSN items that should be read from the Item Data tape.

   ENTER THE NUMBER OF ITEMS YOU WISH TO ANALYZE
   (NOT TO EXCEED 9999999.)

10. **Comments**. Your last prompt for establishing overall system constraints will allow you to make comments to identify the analysis.

   YOU MAY ENTER ANY COMMENT TO IDENTIFY THIS RUN AND
   YOUR SELECTIONS. NOT TO EXCEED 28 CHARACTERS.

C. **Weapon System/Service Identification**

1. **Weapon System Identification**. If you select item Grouping Option 3 or 5 (Section Vb2), you will receive the following prompt to identify the selected weapon system items for your analysis. The number of times this prompt is issued is dependent on the number of weapon systems to be analyzed.

   Detailed Prompt:

   ENTER THE CODE FOR WEAPON SYSTEM NUMBER 1
   IN THE FOLLOWING FORMAT:

   WEAPON SYSTEM CODE + SERVICE CODE

                    XXA
                    XXN
                    XXF
                    XXM

   Abbreviated Prompt:

   ENTER THE CODE FOR WEAPON SYSTEM # ____.

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2. <u>Selected Service Identification</u>. If you selected item Grouping Option 4 (Section Vb2), you will be asked to identify the selected Service for your analysis.

SELECT THE SERVICE YOU WISH TO ANALYZE. YOUR OPTIONS ARE:

A - ARMY
N - NAVY
F - AIR FORCE
M - MARINES

ENTER ONLY ONE SERVICE CODE (A, N, F, OR M)

D. <u>Item Grouping Constraints</u>

1. <u>General</u>

The following set of prompts will allow you to identify the performance/computational parameters to be used for each item grouping to be analyzed.

You will receive a complete set of prompts for each item group. Therefore, if you selected item Grouping Option 2 (Section Vb2), you will receive two sets of prompts.

THE FOLLOWING COMPUTATION METHOD SELECTION WILL APPLY TO GROUP _____

If you requested item Grouping Option 3 and indicated analysis of five weapon system (Vb2), you will receive five sets of prompts.

THE FOLLOWINC COMPUTATION METHOD SELECTION WILL APPLY TO WEAPON SYSTEM # ___

If you choose to make a preliminary run, you will not be prompted for all the parameters described.

2. <u>Safety Level Computation</u>

<u>Detailed Prompt</u>:

THE FOLLOWING COMPUTATION METHOD SELECTION WILL APPLY TO WEAPON SYSTEM #1. YOU MAY CHOOSE A COMPUTATION METHOD FOR THE SAFETY LEVEL SELECTION YOU INTEND TO USE IN YOUR COMPLETE ANALYSIS. YOUR CHOICES ARE:

0 - RETAIN THE SAFETY LEVEL DATA VALUE FROM THE DATA TAPE.

1 - COMPUTE THE SAMMS SAFETY LEVEL USING FURTHER IDENTIFIED INPUT PARAMETERS.

2 - COMPUTE SAFETY LEVEL USING THE
    EFFICIENT SURFACE SAFETY LEVEL MODEL.

3 - COMPUTE SAFETY LEVEL USING THE
    SERVICE FUNCTION SAFETY LEVEL MODEL.

4 - COMPUTE AN ENHANCED SAFETY LEVEL BASED
    UPON CURRENT SAFETY LEVEL DATA VALUE.

5 - COMPUTE AN ENHANCED SAFETY LEVEL BASED
    UPON A COMPUTED SAMMS SAFETY LEVEL.

ENTER ONE DIGIT (0, 1, 2, 3, 4, OR 5).

Abbreviated Prompt:

CHOICES FOR THE COMPUTATION METHOD FOR THE SAFETY
LEVEL SELECTION YOU WILL USE IN YOUR COMPLETE
ANALYSIS ARE AS FOLLOWS:

    0 - DOD STANDARD SAFETY LEVEL
    1 - SAMMS SAFETY LEVEL
    2 - EFFICIENT SURFACE SAFETY LEVEL MODEL
    3 - SERVICE FUNCTION SAFETY LEVEL MODEL
    4 - ENHANCED SAFETY LEVEL BASED ON DOD
        STANDARDS
    5 - ENHANCED SAFETY LEVEL BASED UPON
        COMPUTED SAMMS SAFETY LEVEL

ENTER ONE DIGIT (0, 1, 2, 3, 4, OR 5).

Further prompts for safety level computation parameters are dependent on your
selection for the Safety Level Computation Option.

        a.   Parameters - Safety Level Option 0. If you selected Option
0, no further parameters related to the safety level computation will be issued.

        b.   Parameters - Safety Level Option 1 or 5. If you selected
Option 1 or 5, you will receive the following prompts related to the SAMMS
safety level computation.

        ENTER THE BACKORDER LINES ON-HAND GOAL
        EXAMPLE: NN.NN.

        A SYSTEM CONSTANT IS REQUIRED TO COMPLETE
        THIS COMPUTATION. DO YOU HAVE THIS VALUE?
        ENTER Y OR N.

If you entered Y, you will receive this prompt:

        ENTER THE SYSTEM CONSTANT.
        EXAMPLE: NN.0.

18

If you entered N, you will receive the following prompts. These prompts give you the opportunity to compute the needed value or to change your Safety Level Computation selection.

> THIS VALUE CAN BE OBTAINED FROM THE PRELIMINARY
> RUN USING SAFETY LEVEL OPTION 0. DO YOU WISH TO
> MAKE A PRELIMINARY RUN. ENTER Y OR N.

    c. Parameters - Safety Level Option 2. If you selected Option 2, you will receive the following prompts related to the Efficient Surface Safety Level Computations:

> FOR SAFETY LEVEL SELECTION #2, YOU NEED
> BACKORDER LINES ESTABLISHED GOALS. DO
> YOU HAVE THIS DATE? ENTER Y OR N.

If you answered Y, you will receive these additional prompts:

> ENTER THE BACKORDER LINES ESTABLISHED GOAL.
> EXAMPLE: NN.NN.

> A SYSTEM CONSTANT IS REQUIRED TO COMPLETE THIS ANALYSIS.

> DO YOU HAVE THIS VALUE? ENTER Y OR N.

If you entered Y, you will receive this prompt:

> ENTER THE SYSTEM CONSTANT.
> EXAMPLE: NN.0.

If you entered N, you will receive the following prompts. These prompts give you the opportunity to compute the needed value or to change your Safety Level Computation selection.

> THIS VALUE CAN BE OBTAINED FROM THE PRELIMINARY RUN.
> DO YOU WISH TO MAKE A PRELIMINARY RUN. ENTER Y OR N.

If you entered N, you will receive these additional prompts:

> DO YOU HAVE REQUISITION LINES VALUES?
> ENTER Y OR N.

If you entered Y,

> ENTER REQUISITION LINES VALUE AND THE DESIRED SUPPLY
> AVAILABILITY PERCENTAGE GOAL. SEPARATE THESE VALUES
> WITH A BLANK SPACE.

> EXAMPLE: REQ. LINE VALUE,
> SUPPLY AVAIL. (NN.NN NN.NN)

If you entered N,

> THIS VALUE CAN BE OBTAINED FROM THE PRELIMINARY RUN.
> DO YOU WISH TO MAKE A PRELIMINARY RUN? ENTER Y OR N.

> d.   Parameters - Safety Level Options 3, 4, or 5

> ENTER THE DESIRED SUPPLY AVAILABILITY PERCENTAGE
> AS A DECIMAL. EXAMPLE: 10% = .10.

3.   Safety Level Ceiling Option

> THE SAFETY LEVEL CEILINGS USED ARE IN ACCORDANCE WITH
> DODI 4140.36. SAFETY LEVEL CEILING #1 REPRESENTS THE
> NUMBER OF STANDARD DEVIATIONS. SAFETY LEVEL CEILING
> #2 REPRESENTS THE FACTOR USED FOR DEMAND LEADTIME
> CONSTRAINTS.

> DEFAULT: DODI SL CEILING #1 = 3.0
>   DODI SL CEILING #2 = 1.0

> DO YOU WISH TO MAKE ADJUSTMENTS TO THESE. ENTER Y OR N.

If you have answered Y, the following prompt will allow you to adjust the safety level ceiling factors:

> ENTER THE SAFETY LEVEL CEILINGS FOR YOUR ANALYSIS.
> SEPARATE THESE VALUES WITH A BLANK. EXAMPLE:
> NN.0 NN.NN.

4.   Essentiality Factor Option

> THE DEFAULT SAFETY LEVEL ESSENTIALITY FACTOR = 1.
> DO YOU WISH TO ADJUST THIS? ENTER Y OR N.

If your response is Y, the following prompt will allow you to adjust the essentiality factor:

> ENTER YOUR SAFETY LEVEL ESSENTIALITY FACTOR.
> EXAMPLE: NN.0.

5.   Safety Level Policy Adjustment Option

> THE DEFAULT VALUE FOR THE SAFETY LEVEL POLICY
> ADJUSTMENT FACTOR = 1. DO YOU WISH TO ADJUST
> THIS? ENTER Y OR N.

If your response is Y, the following prompt will allow you to adjust the Safety Level Policy Adjustment factor:

> ENTER THE SAFETY LEVEL POLICY ADJUSTMENT FACTOR
> FOR YOUR ANALYSIS. EXAMPLE: NN.NN.

6. **EOQ Computation Options**

    SELECT THE EOQ COMPUTATION FOR YOUR ANALYSIS

        0 - RETAINS THE INPUT EOQ VALUE.
        1 - RECOMPUTES THE SAMMS EOQ.

If you selected to recompute the SAMMS EOQ (1), the following prompts will be issued:

        THE DEFAULT VALUE FOR THE T-FACTOR IS 74.0.
        DO YOU WISH TO ADJUST THIS? ENTER Y OR N.

This subsequent prompt allows you to alter the T-factor value if you responded Y:

        ENTER THE T-FACTOR FOR YOUR ANALYSIS. EXAMPLE: NN.O.

7. **Comments - Item Grouping Constraints**. Your last prompt for establishing the constraints/parameters for an item grouping will allow you to make comments for identifying the analysis of the item grouping.

        ENTER ANY COMMENT TO IDENTIFY THIS RUN.
        (MAXIMUM OF 20 CHARACTERS)

E. **Job Processing**

After you have answered all prompts, the following message will be issued.

        THIS ENDS THE PROMPTING GUIDE FOR THE PROJECTED
        PERFORMANCE MODEL OF THE MARS SYSTEM.

        DO YOU WISH TO SUBMIT THIS MODEL RUN? ENTER Y OR N.

If your response is Y, you will receive these additional messages.

        YOUR MODEL RUN WILL BE SUBMITTED TO THE DLANET
        COMPUTER. YOU WILL RECEIVE A JOB NAME AND JOB
        NUMBER IN THE FOLLOWING FORMAT:

            JOB USERIDP (JOBO####)

        RECORD THIS JOB NAME AND NUMBER. THEY WILL BE
        REQUIRED TO PRINT YOUR RUN ONCE IT HAS COMPLETED
        EXECUTION.

        YOUR JOB WILL BE SUBMITTED IN A BATCH MODE AND
        WILL BE COMPLETED WITHIN 24 HOURS.

        'JOB USERIDP (JOBOXXXX) SUBMITTED'

> THIS ENDS THE DEFENSE LOGISTICS AGENCY MATERIEL
> READINESS SUPPORT SYSTEM. WE HOPE THIS SYSTEM
> WAS MOST HELPFUL IN THE COMPLETION OF YOUR
> ANALYSIS. IF YOU HAVE ANY QUESTIONS CONCERNING
> THIS AUTOMATED SYSTEM, CONTACT THE OPERATIONS
> RESEARCH OFFICE AT (804) 275-5318/AUTOVON 695-5318.

If your response is N, you will receive only the portion of the above
message telling you that the prompting session has ended.

VI.   SAMPLES.   Below are several examples.   User responses will be in quotes.
Some of the responses give precise dates, time frames, and job numbers.   These
are only illustrative and may differ from your terminal sessions.

EXAMPLE: 'MARS'

    WELCOME TO:

```
MM      MM      AAAA        RRRRRR        SSSSSSS
MMM    MMM      AA AA       RR    RR      SS    SS
MMMM  MMMM      AA   AA     RR    RR      SS    SS
MM MM MM MM     AA    AA    RR    RR      SS
MM  MMM  MM     AA    AA    RR    RR        SSSSS
MM   M   MM     AAAAAAAAAA  RRRRRR             SS
MM       MM     AA    AA    RR    RR      SS    SS
MM       MM     AA    AA    RR    RR      SS    SS
MM       MM     AA    AA    RR     RR     SSSSSSS
```

        YOU ARE USING THE DEFENSE LOGISTICS AGENCY
        MATERIEL READINESS SUPPORT SYSTEM (ALSO
        KNOWN AS "MARS").   THE MARS SYSTEM PROVIDES A
        METHOD FOR YOU TO OBTAIN STATISTICS ABOUT
        DLA'S SUPPLY PERFORMANCE FILE.

        DO YOU WISH TO COMPUTE STATISTICS FOR
        HISTORICAL PERFORMANCE (ENTER: HISPER) OR
        PROJECTED SUPPORT (ENTER: PERMES).

    'HISPER'

A.   Example 1 - HISPER Prompts

```
*************************************************************
*                                                           *
*        THE MARS HISTORICAL PERFORMANCE MODEL              *
*                                                           *
*************************************************************
```

        YOUR INPUT FOR THIS SESSION WILL BE STORED IN THE JCL
        DATA SET CALLED 'USER#.USERID.M.HISPER'.

        THE HISTORICAL PERFORMANCE MODEL GIVES YOU THE
        OPPORTUNITY TO ANALYZE HISTORICAL SUPPLY PERFORMANCE
        STATISTICS FOR WEAPON SYSTEM RELATED ITEMS.

        YOUR RESPONSES TO THE FOLLOWING QUESTIONS WILL BE USED
        TO RUN THE HISPER PROGRAM.

        ENTER YOUR USERID.(I.E. GORXXXX/FLOXXXX/AAAXXXX)
        USERID.

DO YOU REQUIRE DETAILED PROMPTING GUIDES? (IF THIS IS
YOUR FIRST TIME USING THE MARS SYSTEM, DETAILED PROMPTS
ARE RECOMMENDED.) ENTER Y OR N.
N

DO YOU WISH TO ANALYZE:

        1 - QUARTERLY DATA
        2 - ANNUAL DATA

ENTER 1 OR 2.
1

ENTER THE FISCAL YEAR AND QUARTER FOR YOUR ANALYSIS.
(YYQ)
862

WHICH CENTER DO YOU WISH TO ANALYZE?
ENTER (C, E, I, G, M, T, OR A).
A

CHOOSE A GROUPING OPTION FOR HISPER PERFORMANCE
STATISTICS:

        1: OVERALL STATISTICS
        2: BY SELECTED WEAPON SYSTEM(S).
        3: BY SELECTED DODAAC(S)
        4: BY SELECTED WEAPON SYSTEM(S) WITHIN
            SELECTED DODAACS
        5: ALL SELECTED SERVICE WEAPON SYSTEMS
        6: BY SELECTED REQUISITIONING SERVICE

CHOOSE A GROUPING OPTION (1, 2, 3, 4, 5, OR 6).
4

DO YOU WISH TO PROCESS A TROUBLE ITEM REPORT (Y/N)?
Y

ENTER SUPPLY AVAILABILITY GOAL FOR THE TROUBLE ITEM
REPORT. ENTER AS AN INTEGER (NNN).
080

HOW MANY DODAAC(S) DO YOU WISH TO ANALYZE?
LIMIT - 50. (ENTER AS 01, 02, ETC.)
03

```
ENTER THE DODAAC CODE FOR DODAAC #1.
FB4477


ENTER THE DODAAC CODE FOR DODAAC #2.
FB5180


ENTER THE DODAAC CODE FOR DODAAC #3.
FB5000


HOW MANY WEAPON SYSTEMS DO YOU WISH TO ANALYZE?
LIMIT - 50.   (ENTER AS 01,02,ETC.)
02


ENTER WEAPON SYSTEM CODE FOR WEAPON SYSTEM #1.
F15


ENTER WEAPON SYSTEM CODE FOR WEAPON SYSTEM #2.
F16


YOU MAY ENTER A THIRD TITLE LINE COMMENT.
CHARACTER LIMIT - 53.
SAMPLE RUN


DO YOU WISH TO SUBMIT THIS HISPER PROGRAM RUN?
ENTER Y OR N.
Y


YOUR JOB WILL BE SUMITTED TO THE DLANET COMPUTER.
YOU WILL RECEIVE A JOB NAME AND A JOB NUMBER IN
THE FOLLOWING FORMAT:

          JOB USERIDH (JOB0####)

RECORD THIS JOB NAME AND NUMBER.  THEY WILL BE
REQUIRED TO PRINT YOUR JOB ONCE IT HAS COMPLETED
EXECUTION.
```

YOUR JOB WILL BE SUBMITTED IN BATCH MODE AND WILL
BE COMPLETED WITHIN 24 HOURS.

IKJ56250I JOB USERIDH (JOB07575) SUBMITTED

THIS ENDS THE DEFENSE LOGISTICS AGENCY MATERIEL
READINESS SUPPORT SYSTEM. WE HOPE THIS SYSTEM
HAS BEEN HELPFUL IN THE COMPLETION OF YOUR
ANALYSIS. IF YOU HAVE ANY QUESTIONS CONCERNING
THIS SYSTEM, CONTACT THE OPERATIONS RESEARCH
OFFICE AT (804) 275-5318 OR AUTOVON 695-5318.

B.   Example 2 - PERMES Prompts


```
****************************************************************
*                                                              *
*          THE MARS PROJECTION PERFORMANCE MODEL               *
*                                                              *
****************************************************************

YOUR INPUT FOR THIS SESSION WILL BE STORED IN THE JCL
DATA SET CALLED 'USER#.USERID.M.PERMES.'

WELCOME!  THIS IS THE MARS PROJECTION PERFORMANCE MODEL.
YOU WILL BE ABLE TO SELECT FROM SEVERAL OPTIONS FOR
EXECUTING THIS MODEL.  FOLLOW THE INSTRUCTIONS FOR THE
REQUIRED INPUT.

ENTER YOUR USERID.(I.E., GORXXXX/FLOXXXX/AAAXXXX)
USERID


IT IS SUGGESTED THAT FULL PROMPTS BE USED IF THIS IS
YOUR FIRST TIME USING THIS MODEL.  DO YOU WISH TO
USE FULL DESCRIPTIVE PROMPTS?   ENTER Y OR N.
N


ENTER THE FISCAL YEAR AND QUARTER FOR YOUR ANALYSIS.
(EFFECTIVE 2ND QTR., FY84) (YYQ)
863


WHICH CENTER DO YOU WISH TO ANALYZE?
ENTER (C, E, G, I, M, OR T).
C


DO YOU WISH THIS ANALYSIS TO BE:

        1 - A STEADY STATE PROJECTION OF SUPPLY
            PERFORMANCE.
        2 - A ONE YEAR FIXED HORIZON PROJECTION OF SUPPLY
            PERFORMANCE.

ENTER 1 OR 2.
1
```

ENTER THE GROUPING SCHEME CODE NUMBER YOU WISH TO USE
IN THIS ANALYSIS.

        1 - ALL ITEMS
        2 - WEAPON SYSTEM AND NONWEAPON SYSTEM ITEMS
        3 - SELECTED WEAPON SYSTEMS
        4 - WEAPON SYSTEMS FOR SPECIFIED SERVICES
        5 - STATISTICS TOTALS FOR SELECTED WEAPON
            SYSTEMS
3

DO YOU WISH TO LIMIT YOUR ANALYSIS OF WEAPON SYSTEM
ITEMS TO THOSE WITH A SPECIFIC WEAPON SYSTEM INDICATOR
CODE?   ENTER (Y/N).
Y

ENTER THE WEAPON SYSTEM INDICATOR CODE YOU WISH TO
USE IN YOUR ANALYSIS OF WEAPON SYSTEM ITEMS.   ENTER
(X/Y/Z).
X

ENTER THE TOTAL NUMBER OF SELECTED WEAPON SYSTEMS
YOU WISH TO ANALYZE.   TOTAL NUMBER MUST BE LESS THAN
OR EQUAL TO 100.   YOU WILL BE PROMPTED LATER FOR
SPECIFIC WEAPON SYSTEM CODES.   (ENTER 01, OR 02, OR
03, ETC.)
02

ENTER THE RUN TYPE: 1 - PRELIMINARY RUN
                      2 - COMPLETE ANALYSIS
2

DO YOU WISH TO RECEIVE A LISTING OF THOSE ITEMS
RELATED TO YOUR SELECTED WEAPON SYSTEMS WHOSE
SUPPLY AVAILABILITY PERCENTAGE IS LESS THAN A
SPECIFIED GOAL?   (YOU WILL BE ASKED TO SPECIFY A
GOAL LATER) ENTER Y OR N.
Y

PLEASE SPECIFY A MINIMUM GOAL FOR WEAPON SYSTEM
ITEM SUPPLY AVAILABILITY.   ENTER AS A REAL NUMBER
COMPLETE WITH DECIMAL POINT.   EXAMPLE: NNN.0.
87.0

USING Y/N BENEATH THE APPROPRIATE SSC, SELECT THOSE
SSC ITEMS FOR CONSIDERATION IN THIS ANALYSIS.
(DEFAULT: ALL SSC INCLUDED)
123456789A
YNNNNNNNNY

USING Y/N BENEATH THE APPROPRIATE ICC, SELECT THOSE
ICC ITEMS FOR CONSIDERATION IN THIS ANALYSIS.
(DEFAULT: ALL ICC INCLUDED)
12BP
YYYY

DO YOU WISH TO CONSIDER NEW ITEMS? ENTER Y OR N.
Y

DO YOU WISH TO LIMIT THE NUMBER OF ITEMS ANALYZED?
Y

ENTER THE NUMBER OF ITEMS YOU WISH TO ANALYZE.
(NOT TO EXCEED 9999999.0)
10000.0

YOU MAY ENTER ANY COMMENT TO IDENTIFY THIS RUN AND
YOUR SELECTIONS. (NOT TO EXCEED 28 CHARACTERS)
SAMPLE TEST RUN

ENTER THE CODE FOR WEAPON SYSTEM #1. (XXA)
19F

ENTER THE CODE FOR WEAPON SYSTEM #2. (XXA)
24F

THE FOLLOWING COMPUTATION METHOD SELECTION WILL
APPLY TO WEAPON SYSTEM #1.

CHOICES FOR THE COMPUTATION METHOD FOR THE SAFETY
LEVEL SELECTION YOU WILL USE IN YOUR COMPLETE
ANALYSIS ARE AS FOLLOWS:

        0 - CURRENT SAFETY LEVEL DATA VALUES
        1 - SAMMS SAFETY LEVEL
        2 - EFFICIENT SURFACE SAFETY LEVEL MODEL
        3 - SERVICE FUNCTION SAFETY LEVEL MODEL
        4 - ENHANCED SL BASED UPON DATA INPUT SL VALUES
        5 - ENHANCED SL BASED UPON A COMPUTED SAMMS SL

 ENTER ONE DIGIT (0, 1, 2, 3, 4, OR 5).
 5

 ENTER THE DESIRED SUPPLY AVAILABILITY PERCENTAGE
 AS A DECIMAL. EXAMPLE: 10% - .10
 .93

 ENTER THE BACKORDER LINES ON-HAND GOAL (BETA).
 EXAMPLE: NN.NN.
 13000.0

 A SYSTEM CONSTANT IS REQUIRED TO COMPLETE THIS
 COMPUTATION. DO YOU HAVE THIS VALUE? ENTER Y OR N.
 N

 THIS VALUE CAN BE OBTAINED FROM THE PRELIMINARY
 RUN USING SAFETY LEVEL OPTION #0. DO YOU WISH
 TO MAKE A PRELIMINARY RUN? ENTER Y OR N.
 N

 CHOICES FOR THE COMPUTATION METHOD FOR THE SAFETY
 LEVEL SELECTION YOU WILL USE IN YOUR COMPLETE
 ANALYSIS ARE AS FOLLOWS:

        0 - CURRENT SAFETY LEVEL DATA VALUES
        1 - SAMMS SAFETY LEVEL
        2 - EFFICIENT SURFACE SAFETY LEVEL MODEL
        3 - SERVICE FUNCTION SAFETY LEVEL MODEL
        4 - ENHANCED SL BASED UPON DATA INPUT SL VALUES
        5 - ENHANCED SL BASED UPON A COMPUTED SAMMS SL

 ENTER ONE DIGIT (0, 1, 2, 3, 4, OR 5).
 4

ENTER THE DESIRED SUPPLY AVAILABILITY PERCENTAGE AS A
DECIMAL. EXAMPLE: 10% - .10.
.93

THE SAFETY LEVEL CEILINGS USED ARE IN ACCORDANCE WITH
DODI 4140.36.

SAFETY LEVEL CEILING #1 REPRESENTS THE NUMBER OF STANDARD
DEVIATIONS OF LEADTIME DEMAND, AND

SAFETY LEVEL CEILING #2 REPRESENTS THE FACTOR USED FOR
DEMAND LEADTIME CONSTRAINTS.

DEFAULT: DODI SL CEILING #1 - 3.
            DODI SL CEILING #2 - 1.0

DO YOU WISH TO MAKE ADJUSTMENTS TO THESE?
ENTER Y OR N.
N

THE DEFAULT SAFETY LEVEL ESSENTIALITY FACTOR - 1. DO
YOU WISH TO ADJUST THIS?
ENTER Y OR N.
N

THE DEFAULT VALUE FOR THE SAFETY LEVEL POLICY
ADJUSTMENT FACTOR - 1. DO YOU WISH TO ADJUST THIS?
ENTER Y OR N.
Y

ENTER THE SAFETY LEVEL POLICY ADJUSTMENT FACTOR FOR
YOUR ANALYSIS. EXAMPLE: NN.NN.
1.05

SELECT THE EOQ COMPUTATION FOR YOUR ANALYSIS

      0 - RETAIN THE INPUT EOQ VALUE.
      1 - RECOMPUTE THE SAMMS EOQ.

ENTER 0 OR 1.
1

THE DEFAULT VALUE FOR THE T-FACTOR IS 74.0 DO YOU
WISH TO ADJUST THIS?
ENTER Y OR N.
N

ENTER ANY COMMENTS TO IDENTIFY THIS RUN (MAXIMUM
OF 20 CHARACTERS).
END OF WS: 19F

THE FOLLOWING COMPUTATION METHOD SELECTION WILL APPLY
TO WEAPON SYSTEM #2.

CHOICES FOR THE COMPUTATION METHOD FOR THE SAFETY
LEVEL SELECTION YOU WILL USE IN YOUR COMPLETE ANALYSIS
ARE AS FOLLOWS:

        0 - CURRENT SAFETY LEVEL DATA VALUES
        1 - SAMMS SAFETY LEVEL
        2 - EFFICIENT SURFACE SAFETY LEVEL MODEL
        3 - SERVICE FUNCTION SAFETY LEVEL MODEL
        4 - ENHANCED SL BASED UPON DATA INPUT SL VALUES
        5 - ENHANCED SL BASED UPON A COMPUTED SAMMS SL

ENTER ONE DIGIT (0, 1, 2, 3, 4, OR 5).
0

THE SAFETY LEVEL CEILINGS USED ARE IN ACCORDANCE WITH
DODI 4140.36.

SAFETY LEVEL CEILING #1 REPRESENTS THE NUMBER OF STANDARD
DEVIATIONS OF LEADTIME DEMAND, AND

SAFETY LEVEL CEILING #2 REPRESENTS THE FACTOR USED FOR
DEMAND LEADTIME CONSTRAINTS.

DEFAULT: DODI SL CEILING #1 - 3.
             DODI SL CEILING #2 - 1.0

DO YOU WISH TO MAKE ADJUSTMENTS TO THESE:
ENTER Y OR N.
Y

ENTER SAFETY LEVEL CEILING #1 USING THE FOLLOWING
FORMAT: NN. (DEFAULT IS NO LONGER IN EFFECT.)
3.5

ENTER SAFETY LEVEL CEILING #2 USING THE FOLLOWING
FORMAT: NN.NN. (DEFAULT IS NO LONGER IN EFFECT.)

THE DEFAULT SAFETY LEVEL ESSENTIALITY FACTOR - 1.
DO YOU WISH TO ADJUST THIS?
ENTER Y OR N.
N

THE DEFAULT VALUE FOR THE SAFETY LEVEL POLICY
ADJUSTMENT FACTOR - 1. DO YOU WISH TO ADJUST THIS?
ENTER Y OR N.
Y

ENTER THE SAFETY LEVEL POLICY ADJUSTMENT FACTOR FOR
YOUR ANALYSIS. EXAMPLE: NN.NN.
00.90

SELECT THE EOQ COMPUTATION FOR YOUR ANALYSIS

  0 - RETAIN THE INPUT EOQ VALUE.
  1 - RECOMPUTE THE SAMMS EOQ.

ENTER 0 OR 1.
0

ENTER ANY COMMENTS TO IDENTIFY THIS RUN (MAXIMUM
OF 20 CHARACTERS)
END OF WS: 24F

THIS ENDS THE PERMES INTERFACE SESSION.

DO YOU WISH TO SUBMIT THIS PERMES MODEL RUN?
ENTER Y OR N.
N

THIS ENDS THE DEFENSE LOGISTICS AGENCY MATERIEL
READINESS SUPPORT SYSTEM. WE HOPE THIS SYSTEM HAS
BEEN HELPFUL IN THE COMPLETION OF YOUR ANALYSIS.
IF YOU HAVE ANY QUESTIONS CONCERNING THIS
SYSTEM, CONTACT THE OPERATIONS RESEARCH OFFICE
AT (804) 275-5318 OR AUTOVON 695-5318.